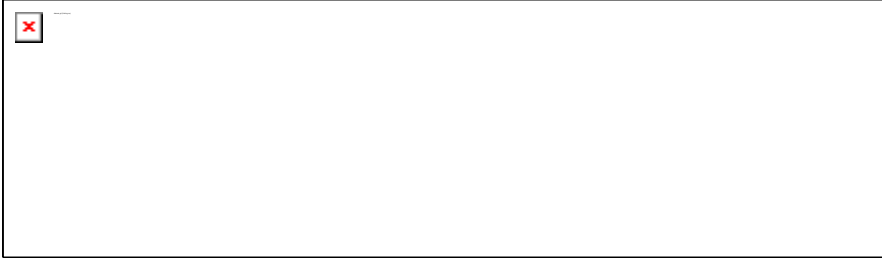


shear and bond tests (3)



March 7, 1985

ICS/Penetron International Ltd.
45 Research Way
Suite 203
East Setauket, NY 11733

Re: Information of Client

A. SHEAR TESTS

1. Effect of Penetron when new concrete is placed against existing concrete.

<u>AGE IN DAYS:</u>	<u>LOAD (lb.)</u>	
	<u>14</u>	<u>28</u>
Reference	3113	4086
Penetron Slurry	3343	4104
Penetron Powder	2335	2868

B. BOND TESTS

1. Effect of Penetron on Bond of Reinforcement Steel Embedded in Concrete.

<u>AGE IN DAYS:</u>	<u>LOAD (lb.)</u>	
	<u>14</u>	<u>28</u>
Reference	*	7280
Penetron Slurry	*	7495

*-In both Reference and Penetron Treated specimens, the reinforcement steel yielded with the steel still firmly bonded to the concrete.

2. Bonding qualities of Penetron on hardened concrete to hardened concrete.

AGE IN DAYS:

LOAD (lb.)

Penetron Slurry

14

28

340

540

